

Yuba IRWMP – SCRCO-01

Project Short Form¹

Please fill out the following information to the best of your ability/knowledge. Once the project has been received and a preliminary review completed, the project team will work with you to develop additional information.

Project Sponsor Contact Information

Lead Agency/Organization	Sutter County Resource Conservation District (SCRCO)
Name of Primary Contact(s)	Stephanie Ratner
Mailing Address	
Email Address	Stephanie.bateman@ca.nacdn.net
Phone (###) ###-####	530-216-5868
Project Partners/Collaborators	Yuba County Agriculture Department and North Yuba Water District

General Project Information

Project Title	Hydrilla Eradication and Canal Lining
Project Total Budget, based on current knowledge	\$308,200
Project Funding Match, if any	\$77,050
Total Project Funding Request	\$231,150
Can a detailed cost estimate be provided upon request?	Yes
Project Location (map if available)	North Yuba Water District (NYWD)
City/Community	Dobbins/Oregon House
Watershed/subwatershed	Yuba River
Groundwater Basin	TBD
Project Type (highlight in gray all that apply)	<ul style="list-style-type: none"> Conceptual Feasibility Study Study/Assessment Planning Engineering/Design Permitting CEQA/NEPA Facility Construction Restoration Monitoring Best Management Practices Acquisition Demonstration/Pilot Project Water Quantity

¹ Completed Project Short Forms should be sent via email to Katie Burdick at admin@burdico.net **and** Elizabeth Herrera at Elizabeth.herrera@fishsciences.net

Project Description

Write a narrative briefly describing the project components and/or characteristics (maximum of 300 words).

The “Hydrilla Eradication and Canal Lining” Project will eradicate Hydrilla, a noxious and invasive aquatic plant species, from an earthen water conveyance ditch and line it with shotcrete to prevent re-infestation and conserve water.

The North Yuba Water District (NYWD) Dobbins-Oregon House Canal provides water to 800 acres of irrigated agriculture and serves as a vector of Hydrilla to other bodies of water throughout Yuba County. To accomplish eradication, County and State Agricultural biologists will survey the ditch for Hydrilla using Global Positioning System (GPS) equipment to create Geographical Information System (GIS) maps downstream from locations already lined with shotcrete. NYWD will hire a Contractor to clear out and reshape the ditch. The NYWD contractor will line the ditch with shotcrete to a depth of approximately 4 inches. The project will complete a process started 10 years ago with CDFW WMA baseline funding. Up to 25,000 feet were eradicated and lined. The remainder of 6,700 feet needs to be finished to prevent Hydrilla from spreading beyond the ditch. Lining the canal with shotcrete will also drastically reduce the amount of water currently lost through seepage. The current water loss in the Dobbins-Oregon House Canal is between 50% and 60%.

I. Project Rationale/Issues Statement

Briefly describe the need for the project and the desired outcomes/deliverables (maximum of 200 words).

Water Storage	Develop new water storage or identify alternatives to new storage that would increase water supply as a result of projected future uncertainty.
Water Use Efficiency/Water Conservation	Promote and implement policies and practices to increase water use efficiency and water conservation in municipal and agricultural sectors.
Water Quality Contamination: Urban and Agricultural Run-off	Maintain and improve water quality by mitigating for urban and agricultural runoff.
Sediment Management	Manage sedimentation to maintain and/or increase water-holding capacity in reservoirs, and to implement erosion control to prevent contamination in water courses and water management operations.
Invasive Species	Identify and manage for aquatic and terrestrial invasive species and their impacts on water supply infrastructure and watershed health.